



# 18 Itr Non-Chlorinated Spray Adhesive

## 1. Identification of the substance/ preparation and company/ undertaking

<b>PRODUCT NAME:</b>	Non-Chlorinated Spray Adhesive
<b>SUPPLIER:</b>	Temati B.V. Rijnland 2 1948 RL Beverwijk The Netherlands
<b>EMERGENCY TELEPHONES:</b>	0251 – 22 91 72 (during office hours)

## 2. Composition/ information on ingredients

NAME	CAS NO.	EINECS	HEALTH (class)	RISK (R No.)	CONTENTS %
Acetone	67-64-1	200-662-2	F Xi	R11	10-30
Solvent Naphtha, Light Aromatic, <0.1%	64742-95-6		Xn XI	R11	1-5
Butane	106-97-8	203-448-7	FX	R12	10-25
Propane	74-98-6	200-827-9	FX	R12	10-25

The full texts for all R – Phrases are displayed in section 15.

## 3. Hazards identification

Extremely flammable. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Vapours may cause drowsiness and dizziness.

Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn even after use. Do not spray on a naked flame of any other incandescent material – **NO SMOKING.**

## 4. First aid measures

<b>INHALATION:</b>	Remove the exposed person immediately to fresh air, keep the patient warm and at rest. If breathing is irregular or has stopped, administer artificial respiration. Give nothing by mouth. If unconscious, place in the recovery position. Get prompt medical attention.
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<b>INGESTION:</b>	Rinse mouth thoroughly. Do not induce vomiting. Get medical attention immediately.
<b>SKIN:</b>	Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention if irritation persists after washing.
<b>EYES:</b>	Contact lenses should be removed. Promptly wash eyes with water for at least 15 minutes holding eyelids apart and get medical attention.

## 5. Fire fighting measures

<b>EXTINGUISHING MEDIA:</b>	Fire can be extinguished using: Powder, foam or carbon dioxide (CO <sub>2</sub> ).
<b>UNUSUAL FIRE &amp; EXPLOSION HAZARDS:</b>	Unstable. May explode spontaneously. Possible container rupture.
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	Use water spray only to cool containers! Do not put water on leaked material. If possible, fight fire from protected position. Wear self contained breathing apparatus
<b>SPECIFIC HAZARDS</b>	Toxic gases/vapours/fumes of carbon dioxide (CO <sub>2</sub> ). Carbon monoxide (CO).

## 6. Accidental release measures

<b>PERSONAL PRECAUTION IN SPILL:</b>	Avoid breathing vapour, ensure adequate ventilation. Avoid skin and eye contact. Wear personal protective equipment.
<b>PRECAUTIONS TO PROTECT THE ENVIRONMENT:</b>	Prevent entry into drains and watercourses.
<b>SPILL CLEANUP METHODS:</b>	Extinguish all sources of ignition. Avoid sparks, flames, heat and smoking. Ventilate. Absorb onto sand, earth or absorbent granules. Pick up with non sparking tools & place into metal containers with sealable lids. Mark the containers with details of hazards and store in designated areas ready for disposal.



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## 7. Handling and storage

### USAGE PRECAUTIONS:

Keep away from heat, sparks and open flame. Avoid spillage, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above acceptable level. Do not pierce or burn even when empty.

### STORAGE PRECAUTIONS:

Flammable/combustible – keep away from oxidisers, heat, sparks and open flames. Store at moderate temperatures in dry, well ventilated area. Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.

## 8. Exposure controls and personal protection

INGREDIENT NAME	CAS. No	EINECS	STD	LT EXP 8hrs	ST EXP 15Mi
Acetone	67-64-1	200-662-2		500 ppm	1500 ppm
Butane	106-97-8	203-448-7	OES	60/ppm	750/ppm
Propane	74-98-6	200-827-9		Asphyxiating	Asphyxiating
Solvent Naphtha (petroleum)	64742-95-6			1200 mg/m <sup>3</sup>	

### PROTECTIVE EQUIPMENT:



### VENTILATION:

Provide adequate ventilation to ensure the airborne concentration does not exceed the above levels. Ensure there are no sources of ignition.

### RESPIRATORY PROTECTION:

Adequate respiratory protection must be used if air concentration exceeds acceptable level.

### HAND PROTECTION:

Protective gloves must be used if there is risk of direct contact or splash. Use protective gloves made of: Nitrile.

### EYE PROTECTION:

Wear splash proof goggles to prevent any possibility of eye contact.

### SKIN PROTECTION:

Wear appropriate clothing to prevent repeated or prolonged skin contact.

### HYGIENIC WORK PRACTICES:

Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet.



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## 9. Physical and chemical properties

<b>APPEARANCE:</b>	Aerosol
<b>COLOUR:</b>	Clear
<b>ODOUR/TASTE:</b>	Hydrocarbons/ Solvent
<b>PHYSICAL DATA COMMENTS:</b>	Can pressure 70psi
<b>DENSITY/SPECIFIC GRAVITY (v/ml)</b>	0.69
<b>SOLUBILITY DESCRIPTION:</b>	Soluble in solvents.
<b>FLASH POINT (°C):</b>	- 40 (propellant)

## 10. Stability and reactivity

<b>STABILITY:</b>	Stable under normal conditions. Stable at room temperature.
<b>CONDITIONS TO AVOID:</b>	Heat. Hot surfaces. Sources of ignition. Flames.
<b>MATERIAL TO AVOID:</b>	Strong oxidising agents. Strong acids and strong alkalis.
<b>HAZ. DECOMP. PRODUCTS:</b>	In combustion emits toxic fumes of carbon dioxide, carbon monoxide and hydrogen cyanide.

## 11. Toxicological information

<b>INHALATION:</b>	Drowsiness, dizziness, disorientation, vertigo.
<b>INGESTION:</b>	May cause discomfort if swallowed.
<b>SKIN:</b>	Liquid may irritate skin.
<b>EYES:</b>	Irritation, burning, blurred vision after liquid splash.

## 12. Ecological information

<b>ECOLOGICAL INFORMATION:</b>	Dangerous for the environment: May cause long term adverse effects in the aquatic environment.
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## 13. Disposal considerations

**DISPOSAL METHODS:** Dispose of in accordance with Local Authority requirements. Empty containers must not be burned because of explosion hazard.

## 14. Transport information

### LABEL FOR CONVEYANCE:



<b>UN No. ROAD:</b>	1950
<b>UK ROAD TRANSPORT CLASS:</b>	2
<b>UK ROAD PACK GR.:</b>	Not Applicable
<b>ADR CLASS No.:</b>	2
<b>ADR CLASS:</b>	2 Gases
<b>ADR PACK GR.:</b>	Not Applicable
<b>ADR LABEL No.:</b>	2.1
<b>PROPER SHIPPING NAME:</b>	AEROSOLS
<b>RID CLASS No.:</b>	2
<b>RID CLASS GR.:</b>	Not Applicable
<b>UN No. SEA:</b>	1950
<b>IMDG CLASS:</b>	2
<b>IMDG PACK GR.:</b>	Not Applicable
<b>EmS No.:</b>	F-D,S-U
<b>MARINE POLLUTANT:</b>	No.
<b>UN No. AIR:</b>	1950
<b>ICAO CLASS:</b>	2.1
<b>AIR CLASS:</b>	2.1
<b>AIR PACK GR.:</b>	Not Applicable



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## 15. Regulatory information

### LABEL FOR SUPPLY:



Dangerous for the Environment



Extremely Flammable

### RISK PHRASES:

R12  
R52/53

Extremely Flammable

Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment

R67

Vapours may cause drowsiness and dizziness

### SAFETY PHRASES:

S2  
S9  
S16  
S23  
S24/ 25  
S26  
  
S36/ 37/ 39  
  
S51  
S61

Keep out of reach of children.

Keep container in well ventilated place.

Keep away from sources of ignition – No Smoking.

Do not breathe vapour/spray.

Avoid contact with skin and eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Wear suitable protective clothing, gloves and eye/face protection.

Use only in well ventilated areas.

Avoid release to the environment. Refer to special instructions/safety data sheets.



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## 16. OTHER INFORMATION

<b>STORAGE INSTRUCTIONS:</b>	This product must be stored between 5°C and 25°C and conditioned up to room temperature (15°C-25°C) before use.
<b>USAGE INSTRUCTIONS:</b>	This product must be used at room temperature (15°C-25°C) to ensure proper performance. The optimal temperature for use is 20°C.
<b>USER NOTES:</b>	This product should be used as directed by Temati B.V.. For further information consult the product data sheet or contact Technical Services.
<b>APPLICATION EVALUATION:</b>	An evaluation of this product should be carried out in application conditions before commercial use is undertaken. This should also include a reference to ageing.
<b>SHELF LIFE:</b>	Unless stated otherwise this product has a shelf life of 12 months from purchase date.
<b>LIMITATIONS:</b>	This product is not suitable for highly plasticised PVC.
<b>CAUTION:</b>	Pressurised container. Do not expose to temperatures exceeding 50°C. Protect from sunlight. Do not puncture or incinerate even when empty. Do not spray onto naked flame or any incandescent material.
<b>DISPOSAL CONSIDERATIONS:</b>	This material and its container must be disposed of in a safe way.
<b>INFORMATION SOURCES:</b>	This safety data sheet was compiled using current safety information supplied by the distributors of the raw materials.
<b>REVISION COMMENTS:</b>	This safety data sheet supersedes all previous issues and users are cautioned to ensure that it is current. Destroy all previous data sheets and if in doubt contact Temati B.V..
<b>REVISION DATE:</b>	MARCH 2009
<b>REVIEW DATE:</b>	MARCH 2010

This advice is given by Temati B.V. who accepts no legal liability for it. The information herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not therefore, be construed as guaranteeing specific properties.